

Table 1
 Soil Sample Analytical Data Summary
 Volatile Organic Compounds
 EPA Method 8260

LiTungsten Site

| Client Sample ID: | NYSDEC ⁽¹⁾ | EP001 | EP002 | EP003 | EP004 | EP005 | EP006 | EP007 | EP008 | EP009 | EP010 | EP011 | EP012 | EP014 | EP015 | EP016 | EP017 | EP018 | EP019 | EP020 | | |
|---|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------|---|
| Laboratory ID: | Restricted-Residential | 460-83733-1 | 460-83733-2 | 460-83733-3 | 460-83733-4 | 460-83733-5 | 460-83733-6 | 460-83733-7 | 460-83733-8 | 460-84235-1 | 460-84235-2 | 460-84235-3 | 460-84235-4 | 460-84235-6 | 460-84235-7 | 460-84235-8 | 460-84235-9 | 460-84320-1 | 460-84320-2 | 460-84320-3 | | |
| Sampling Date: | Use SCO | 10/1/2014 | 10/1/2014 | 10/1/2014 | 10/1/2014 | 10/1/2014 | 10/1/2014 | 10/1/2014 | 10/1/2014 | 10/9/2014 | 10/9/2014 | 10/9/2014 | 10/9/2014 | 10/9/2014 | 10/9/2014 | 10/9/2014 | 10/9/2014 | 10/10/2014 | 10/10/2014 | | | |
| Volatile Organic Compounds (µg/kg) | | | | | | | | | | | | | | | | | | | | | | |
| 1,1,1-Trichloroethane ^f | 100,000 ^a | 4.7 | U | 5.4 | U | 3.3 | U | 2.6 | U | 1.3 | U | 5.5 | U | 5.1 | U | 2.0 | U | 1.1 | U | 1.2 | U | |
| 1,1,2,2-Tetrachloroethane | NS | 4.7 | U | 5.4 | U | 3.3 | U | 2.6 | U | 1.3 | U | 5.5 | U | 5.1 | U | 2.0 | U | 1.1 | U | 1.2 | U | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | NS | 4.7 | U | 5.4 | U | 3.3 | U | 2.6 | U | 1.3 | U | 5.5 | U | 5.1 | U | 2.0 | U | 1.1 | U | 1.2 | U | |
| 1,1,2-Trichloroethane | NS | 4.7 | U | 5.4 | U | 3.3 | U | 2.6 | U | 1.3 | U | 5.5 | U | 5.1 | U | 2.0 | U | 1.1 | U | 1.2 | U | |
| 1,1-Dichloroethane ^f | 26,000 | 4.7 | U | 5.4 | U | 3.3 | U | 2.6 | U | 1.3 | U | 5.5 | U | 5.1 | U | 2.0 | U | 1.1 | U | 1.2 | U | |
| 1,1-Dichloroethene ^f | 100,000 ^a | 4.7 | U | 5.4 | U | 3.3 | U | 2.6 | U | 1.3 | U | 5.5 | U | 5.1 | U | 2.0 | U | 1.1 | U | 1.2 | U | |
| 1,2,4-Trichlorobenzene | NS | 4.7 | U | 5.4 | U | 3.3 | U | 2.6 | U | 1.3 | U | 5.5 | U | 5.1 | U | 2.0 | U | 1.1 | U | 1.2 | U | |
| 1,2,4-Trimethylbenzene ^f | 52,000 | 4.7 | U | 8.3 | | 0.52 | J | 2.6 | U | 29 | | 12 | | 3.8 | J | 2.4 | | 1.1 | U | 1.2 | U | |
| 1,2-Dibromo-3-chloropropane | NS | 4.7 | U | 5.4 | U | 3.3 | U | 2.6 | U | 1.3 | U | 5.5 | U | 5.1 | U | 2.0 | U | 1.1 | U | 1.2 | U | |
| 1,2-Dibromoethane | NS | 4.7 | U | 5.4 | U | 3.3 | U | 2.6 | U | 1.3 | U | 5.5 | U | 5.1 | U | 2.0 | U | 1.1 | U | 1.2 | U | |
| 1,2-Dichlorobenzene ^f | 100,000 ^a | 4.7 | U | 5.4 | U | 3.3 | U | 2.6 | U | 1.3 | U | 5.5 | U | 5.1 | U | 2.0 | U | 1.1 | U | 1.2 | U | |
| 1,2-Dichloroethane | 3,100 | 4.7 | U | 5.4 | U | 3.3 | U | 2.6 | U | 1.3 | U | 5.5 | U | 5.1 | U | 2.0 | U | 1.1 | U | 1.2 | U | |
| 1,2-Dichloropropane | NS | 4.7 | U | 5.4 | U | 3.3 | U | 2.6 | U | 1.3 | U | 5.5 | U | 5.1 | U | 2.0 | U | 1.1 | U | 1.2 | U | |
| 1,3,5-Trimethylbenzene ^f | 52,000 | 4.7 | U | 0.95 | J | 0.66 | J | 2.6 | U | 8.0 | | 3.5 | J | 1.3 | J | 0.57 | J | 1.1 | U | 1.2 | U | |
| 1,3-Dichlorobenzene ^f | 49,000 | 4.7 | U | 5.4 | U | 3.3 | U | 2.6 | U | 1.3 | U | 5.5 | U | 5.1 | U | 2.0 | U | 1.1 | U | 1.2 | U | |
| 1,4-Dichlorobenzene | 13,000 | 4.7 | U | 5.4 | U | 3.3 | U | 2.6 | U | 1.3 | U | 5.5 | U | 5.1 | U | 2.0 | U | 1.1 | U | 1.2 | U | |
| 1,4-Dioxane | 13,000 | 94 | U | 110 | U | 65 | U | 52 | U | 25 | U | 110 | U | 40 | U | 22 | U | 22 | U | 24 | U | |
| 2-Butanone | 100,000 ^a | 85 | U | 150 | | 88 | | 67 | | 22 | | 180 | | 270 | | 260 | | 5.6 | U | 6.1 | U | |
| 2-Hexanone | NS | 23 | U | 27 | U | 16 | U | 13 | U | 6.3 | U | 28 | U | 25 | U | 10 | U | 5.6 | U | 6.1 | U | |
| 4-Methyl-2-pentanone | NS | 23 | U | 27 | U | 16 | U | 13 | U | 6.3 | U | 28 | U | 25 | U | 10 | U | 5.6 | U | 6.1 | U | |
| Acetone | 100,000 ^a | 160 | | 330 | | 170 | | 130 | | 67 | | 380 | | 540 | | 540 | | 23 | | 34 | | |
| Benzene | 4,800 | 5.2 | | 5.4 | | U | 0.61 | J | 2.6 | U | 1.1 | J | 4.9 | J | 5.4 | | 0.53 | J | 0.42 | J | 0.19 | J |
| Bromodichloromethane | NS | 4.7 | U | 5.4 | U | 3.3 | U | 2.6 | U | 1.3 | U | 5.5 | U | 5.1 | U | 2.0 | U | 1.1 | U | 1.2 | U | |
| Bromoform | NS | 4.7 | U | 5.4 | U | 3.3 | U | 2.6 | U | 1.3 | U | 5.5 | U | 5.1 | U | 2.0 | U | 1.1 | U | 1.2 | U | |
| Bromomethane | NS | 4.7 | U | 5.4 | U | 3.3 | U | 2.6 | U | 1.3 | U | 5.5 | U | 5.1 | U | 2.0 | U | 1.1 | U | 1.2 | U | |
| Carbon disulfide | NS | 4.7 | U | 5.4 | U | 1.7 | J | 13 | | 18 | | 7.0 | | 14 | | 6.9 | | 1.1 | U | 1.2 | U | |
| Carbon tetrachloride ^f | 2,400 | 4.7 | U | 5.4 | U | 3.3 | U | 2.6 | U | 1.3 | U | 5.5 | U | 5.1 | U | 2.0 | U | 1.1 | U | 1.2 | U | |
| Chlorobenzene | 100,000 ^a | 4.7 | U | 5.4 | U | 3.3 | U | 2.6 | U | 1.3 | U | 5.5 | U | 5.1 | U | 2.0 | U | 1.1 | U | 1.2 | U | |
| Chloroethane | NS | 4.7 | U | 5.4 | U | 3.3 | U | 2.6 | U | 1.3 | U | 5.5 | U | 5.1 | U | 2.0 | U | 1.1 | U | 1.2 | U | |
| Chloroform | 49,000 | 4.7 | U | 5.4 | U | 3.3 | U | 2.6 | U | 1.3 | U | 5.5 | U | 5.1 | U | 2.0 | U | 1.1 | U | 1.2 | U | |
| Chlormethane | NS | 4.7 | U | 5.4 | U | 3.3 | U | 2.6 | U | 1.3 | U | 5.5 | U | 5.1 | U | 2.0 | U | 1.1 | U | 1.2 | U | |
| cis-1,2-Dichloroethene ^f | 100,000 ^a | 4.7 | U | 5.4 | U | 3.3 | U | 2.6 | U | 1.3 | U | 5.5 | U | 5.1 | U | 1.6 | J | 0.75 | J | 1.1 | U | |
| cis-1,3-Dichloropropene | NS | 4.7 | U | 5.4 | U | 3.3 | U | 2.6 | U | 1.3 | U | 5.5 | U | 5.1 | U | 2.0 | U | 1.1 | U | 1.2 | U | |
| Cyclohexane | NS | 4.7 | U | 5.4 | U | 3.3 | U | 2.6 | U | 15 | | 14 | | 8.4 | | 2.0 | U | 1.1 | U | 1.2 | U | |
| Dibromochloromethane | NS | 4.7 | U | | | | | | | | | | | | | | | | | | | |

Table 2
Soil Sample Analytical Data Summary
Semi-Volatile Organic Compounds
EPA Method 8270

Litfugsten Site

| Client Sample ID: | NYSDEC ⁽¹⁾ | EP001 | EP002 | EP003 | EP004 | EP005 | EP006 | EP007 | EP008 | EP009 | EP010 | EP011 | EP012 | EP014 | EP015 | EP016 | EP017 | EP018 | EP019 | EP020 | |
|--|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---|
| Laboratory ID: | Restricted-Residential Use SCO | 460-83733-1 | 460-83733-2 | 460-83733-3 | 460-83733-4 | 460-83733-5 | 460-83733-6 | 460-83733-7 | 460-83733-8 | 460-84235-1 | 460-84235-2 | 460-84235-3 | 460-84235-4 | 460-84235-6 | 460-84235-7 | 460-84235-8 | 460-84235-9 | 460-84320-1 | 460-84320-2 | 460-84320-3 | |
| Sampling Date: | 10/1/2014 | 10/1/2014 | 10/1/2014 | 10/1/2014 | 10/1/2014 | 10/1/2014 | 10/1/2014 | 10/1/2014 | 10/9/2014 | 10/9/2014 | 10/9/2014 | 10/9/2014 | 10/9/2014 | 10/9/2014 | 10/9/2014 | 10/9/2014 | 10/9/2014 | 10/10/2014 | 10/10/2014 | | |
| Semi-Volatile Organic Compounds | | | | | | | | | | | | | | | | | | | | | |
| 2,4,5-Trichlorophenol | NS | 1,100 | U | 910 | U | 900 | U | 600 | U | 460 | U | 1,200 | U | 1,100 | U | 600 | U | 410 | U | 380 | U |
| 2,4,6-Trichlorophenol | NS | 1,100 | U | 910 | U | 900 | U | 600 | U | 460 | U | 1,200 | U | 1,100 | U | 600 | U | 410 | U | 380 | U |
| 2,4-Dichlorophenol | NS | 1,100 | U | 910 | U | 900 | U | 600 | U | 460 | U | 1,200 | U | 1,100 | U | 600 | U | 410 | U | 380 | U |
| 2,4-Dimethylphenol | NS | 1,100 | U | 910 | U | 900 | U | 600 | U | 460 | U | 1,200 | U | 1,100 | U | 600 | U | 410 | U | 380 | U |
| 2,4-Dinitrophenol | NS | 2,200 | U | 1,800 | U | 1,800 | U | 1,200 | U | 940 | U | 2,400 | U | 2,100 | U | 1,200 | U | 840 | U | 780 | U |
| 2,4-Dinitrotoluene | NS | 220 | U | 180 | U | 180 | U | 120 | U | 94 | U | 240 | U | 210 | U | 120 | U | 84 | U | 78 | U |
| 2-Chloronaphthalene | NS | 1,100 | U | 910 | U | 900 | U | 600 | U | 460 | U | 1,200 | U | 1,100 | U | 600 | U | 410 | U | 380 | U |
| 2-Chlorophenol | NS | 1,100 | U | 910 | U | 900 | U | 600 | U | 460 | U | 1,200 | U | 1,100 | U | 600 | U | 410 | U | 380 | U |
| 2-Methylnaphthalene | NS | 1,100 | U | 910 | U | 900 | U | 600 | U | 460 | U | 1,200 | U | 1,100 | U | 600 | U | 34 | J | 21 | J |
| 2-Methylphenol | NS | 1,100 | U | 910 | U | 900 | U | 600 | U | 460 | U | 1,200 | U | 1,100 | U | 600 | U | 410 | U | 380 | U |
| 2-Nitroaniline | NS | 1,100 | U | 910 | U | 900 | U | 600 | U | 460 | U | 1,200 | U | 1,100 | U | 600 | U | 410 | U | 380 | U |
| 2-Nitrophenol | NS | 1,100 | U | 910 | U | 900 | U | 600 | U | 460 | U | 1,200 | U | 1,100 | U | 600 | U | 410 | U | 380 | U |
| 3,3'-Dichlorobenzidine | NS | 1,100 | U | 910 | U | 900 | U | 600 | U | 460 | U | 1,200 | U | 1,100 | U | 600 | U | 410 | U | 380 | U |
| 3-Nitroaniline | NS | 1,100 | U | 910 | U | 900 | U | 600 | U | 460 | U | 1,200 | U | 1,100 | U | 600 | U | 410 | U | 380 | U |
| 4,6-Dinitro-o-cresol ^a | 100,000 ^c | 2,200 | U | 1,800 | U | 1,800 | U | 1,200 | U | 940 | U | 2,400 | U | 2,100 | U | 1,200 | U | 840 | U | 780 | U |
| 4-Bromophenyl phenyl ether | NS | 1,100 | U | 910 | U | 900 | U | 600 | U | 460 | U | 1,200 | U | 1,100 | U | 600 | U | 410 | U | 380 | U |
| 4-Chloro-3-methylphenol | NS | 1,100 | U | 910 | U | 900 | U | 600 | U | 460 | U | 1,200 | U | 1,100 | U | 600 | U | 410 | U | 380 | U |
| 4-Chloroaniline | NS | 1,100 | U | 910 | U | 900 | U | 600 | U | 460 | U | 1,200 | U | 1,100 | U | 600 | U | 410 | U | 380 | U |
| 4-Chlorophenyl phenyl ether | NS | 1,100 | U | 910 | U | 900 | U | 600 | U | 460 | U | 1,200 | U | 1,100 | U | 600 | U | 410 | U | 380 | U |
| 4-Methylphenol | NS | 1,100 | U | 910 | U | 900 | U | 600 | U | 460 | U | 1,200 | U | 1,100 | U | 600 | U | 830 | J | 56 | J |
| 4-Nitroaniline | NS | 1,100 | U | 910 | U | 900 | U | 600 | U | 460 | U | 1,200 | U | 1,100 | U | 600 | U | 410 | U | 380 | U |
| 4-Nitrophenol | NS | 2,200 | U | 1,800 | U | 1,800 | U | 1,200 | U | 940 | U | 2,400 | U | 2,100 | U | 1,200 | U | 840 | U | 780 | U |
| Acenaphthene ^a | 100,000 ^c | 1,100 | U | 910 | U | 900 | U | 600 | U | 460 | U | 1,200 | U | 1,100 | U | 600 | U | 410 | U | 36 | J |
| Acenaphthylene ^a | 100,000 ^c | 1,100 | U | 910 | U | 900 | U | 600 | U | 460 | U | 1,200 | U | 1,100 | U | 600 | U | 410 | U | 26 | J |
| Acetophenone | NS | 1,100 | U | 910 | U | 900 | U | 600 | U | 460 | U | 1,200 | U | 1,100 | U | 600 | U | 410 | U | 1,500 | U |
| Anthracene ^a | 100,000 ^c | 1,100 | U | 910 | U | 900 | U | 600 | U | 460 | U | 1,200 | U | 1,100 | U | 600 | U | 410 | U | 49 | J |
| Alraizine | NS | 1,100 | U | 910 | U | 900 | U | 600 | U | 460 | U | 1,200 | U | 1,100 | U | 600 | U | 410 | U | 1,700 | U |
| Benzaldehyde | NS | 150 | J | 910 | U | 900 | U | 600 | U | 460 | U | 190 | J | 220 | J | 55 | J | 410 | U | 380 | J |
| Benz(a)anthracene ^a | 1,000 | 110 | U | 91 | U | 90 | U | 60 | U | 46 | U | 120 | U | 110 | U | 60 | U | 41 | U | 180 | U |
| Benz(b)pyrene | 1,000 | 110 | U | 91 | U | 90 | U | 60 | U | 46 | U | 120 | U | 110 | U | 60 | U | 26 | J | 200 | U |
| Benz(b)fluoranthene ^a | 1,000 | 110 | U | 91 | U | 90 | U | 60 | U | 46 | U | 120 | U | 110 | U | 60 | U | 32 | J | 41 | U |
| Benz(ghi)perylene ^a | 100,000 ^c | 1,100 | U | 910 | U | 900 | U | 600 | U | 460 | U | 1,200 | U | 1,100 | U | 600 | U | 410 | U | 320 | J |
| Benz(k)fluoranthene ^a | 3,900 | 120 | U | 91 | U | 90 | U | 60 | U | 46 | U | 120 | U | 110 | U | 60 | U | 41 | U | 86 | U |
| Biphenyl | NS | 1,100 | U | | | | | | | | | | | | | | | | | | |

Table 3
 Soil Sample Analytical Data Summary
 Total Metals
 EPA Method 6010

| | | LiTungsten Site | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------------------------|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|-------|-------|-------|-------|-------|------|-------|------|-------|------|-------|------|------|------|-------|------|------|---|
| Client Sample ID: | NYSDEC ⁽¹⁾ | EP001 | EP002 | EP003 | EP004 | EP005 | EP006 | EP007 | EP008 | EP009 | EP010 | EP011 | EP012 | EP014 | EP015 | EP016 | EP017 | EP018 | EP019 | EP020 | | | | | | | | | | | | | | | | | | | |
| Laboratory ID: | Restricted-Residential | 460-83733-1 | 460-83733-2 | 460-83733-3 | 460-83733-4 | 460-83733-5 | 460-83733-6 | 460-83733-7 | 460-83733-8 | 460-84235-1 | 460-84235-2 | 460-84235-3 | 460-84235-4 | 460-84235-6 | 460-84235-7 | 460-84235-8 | 460-84235-9 | 460-84320-1 | 460-84320-2 | 460-84320-3 | | | | | | | | | | | | | | | | | | | |
| Sampling Date: | Use SCO | 10/1/2014 | 10/1/2014 | 10/1/2014 | 10/1/2014 | 10/1/2014 | 10/1/2014 | 10/1/2014 | 10/1/2014 | 10/9/2014 | 10/9/2014 | 10/9/2014 | 10/9/2014 | 10/9/2014 | 10/9/2014 | 10/9/2014 | 10/9/2014 | 10/10/2014 | 10/10/2014 | 10/10/2014 | | | | | | | | | | | | | | | | | | | |
| Total Metals (mg/kg) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aluminum, Total | NS | 13,800 | 13,600 | 6,910 | 3,590 | 11,900 | 4,810 | 27,900 | 12,700 | 11,100 | 3,000 | 5,970 | 7,360 | 7,840 | 12,100 | 4,380 | 11,200 | 4,020 | 28,100 | 10,100 | | | | | | | | | | | | | | | | | | | |
| Antimony, Total | NS | 12.3 | U | 10.1 | U | 9.7 | U | 6.8 | U | 4.9 | U | 13.5 | U | 12.0 | U | 6.4 | U | 4.7 | J | 2.1 | J | 4.6 | U | 18.3 | U | 15.9 | U | 9.9 | U | 4.3 | U | 8.8 | U | 3.3 | U | 9.7 | U | 3.6 | U |
| Arsenic, Total | 24* | 4.0 | J | 8.8 | 5.6 | J | 6.1 | 16.4 | 4.4 | J | 4.1 | J | 5.1 | 20.4 | 34.4 | 5.7 | 12.8 | J | 4.4 | J | 9.5 | 126 | 4.3 | J | 27.3 | 7.4 | 2.3 | J | 7.4 | 651 | | | | | | | | | |
| Barium, Total | 400 | 60.5 | J | 52.9 | J | 33.4 | J | 8.0 | J | 38.3 | J | 19.0 | J | 60.7 | J | 58.1 | J | 54.1 | 41.0 | J | 36.9 | J | 17.7 | J | 22.4 | J | 37.9 | J | 13.1 | J | 26.2 | J | 12.7 | J | 50.6 | J | 19.5 | J | |
| Beryllium, Total | 72 | 1.2 | U | 0.75 | J | 0.97 | U | 0.53 | J | 1.2 | U | 0.96 | J | 0.68 | 0.47 | 0.42 | U | 0.46 | U | 1.8 | U | 1.6 | U | 0.99 | U | 0.43 | U | 0.88 | U | 0.22 | J | 1 | 0.36 | U | | | | | |
| Cadmium, Total | 4.3 | 2.5 | U | 2.0 | U | 1.9 | U | 1.4 | U | 0.98 | U | 2.7 | U | 2.4 | U | 1.3 | U | 0.95 | U | 0.83 | J | 3.7 | U | 3.2 | U | 2.0 | U | 0.86 | U | 1.8 | U | 0.7 | U | 1.9 | U | 10.1 | | | |
| Calcium, Total | NS | 12,000 | 8,010 | 7,310 | 1,500 | J | 723 | J | 7,370 | 3,800 | 2,170 | 2,080 | 1,400 | 1,780 | 8,410 | 9,860 | 7,970 | 746 | J | 3,930 | 469 | J | 3,520 | 772 | J | | | | | | | | | | | | | | |
| Chromium, Total ^e | 180 | 21.6 | 20.0 | 10.9 | 7.2 | 25.8 | 9.5 | 39.7 | 21.6 | 15.0 | 6.7 | 17.7 | 10.3 | 9.6 | 21.9 | 8.0 | 20.4 | 6.6 | 44.4 | 21.7 | | | | | | | | | | | | | | | | | | | |
| Cobalt, Total | NS | 4.2 | J | 7.6 | J | 2.8 | J | 3.0 | J | 17.5 | 33.7 | U | 10 | J | 23.1 | 11.1 | J | 4.1 | J | 6.1 | J | 45.8 | U | 39.7 | U | 5.5 | J | 2.7 | J | 5.1 | J | 2.2 | J | 11.6 | 105 | | | | |
| Copper, Total | 270 | 5.5 | J | 20.8 | 12.1 | U | 3.0 | J | 3.8 | J | 6.5 | J | 17.9 | 11.1 | 28.9 | 13.2 | 16.8 | 22.9 | U | 19.8 | U | 9.3 | J | 5.9 | 7.8 | J | 4.6 | 19.3 | 8.5 | | | | | | | | | | |
| Iron, Total | NS | 13,000 | 17,700 | 11,400 | 18,200 | 32,500 | 7,360 | 27,600 | 24,900 | 15,200 | 7,380 | 16,300 | 7,920 | 8,440 | 19,400 | 9,180 | 14,100 | 7,430 | 30,900 | 5,120 | | | | | | | | | | | | | | | | | | | |
| Lead, Total | 400 | 14.5 | 59.3 | 5.0 | 3.4 | U | 4.3 | 6.7 | U | 18.3 | 22.5 | 111 | 54.6 | 47.4 | 4.1 | J | 7.2 | J | 63.3 | 3.4 | 17.8 | 1.9 | 25.9 | 14.2 | | | | | | | | | | | | | | | |
| Magnesium, Total | NS | 3,560 | 2,770 | 2,350 | J | 1,120 | J | 1,470 | 2,520 | J | 5,090 | 2,180 | 2,020 | 987 | J | 1,950 | 3,950 | J | 4,150 | 3,840 | 1,110 | 3,540 | 803 | J | 4,640 | 1,340 | | | | | | | | | | | | | |
| Manganese, Total | 2,000 ^f | 138 | 209 | 104 | 51.5 | 91.7 | 196 | 268 | 161 | 127 | 50.3 | 453 | 174 | 223 | 176 | 82.3 | 202 | 171 | 201 | 51.5 | | | | | | | | | | | | | | | | | | | |
| Nickel, Total | 310 | 15.6 | J | 16.8 | J | 7.8 | J | 6.1 | J | 16.3 | 7.9 | J | 27.9 | 14.9 | 10.7 | 5.1 | J | 12.0 | 9.8 | J | 10.6 | J | 14.2 | J | 6.9 | J | 14.6 | J | 5.7 | J | 23.5 | 127 | | | | | | | |
| Potassium, Total | NS | 1,830 | J | 1,150 | J | 805 | J | 308 | J | 715 | J | 699 | J | 2,670 | J | 834 | J | 613 | J | 337 | J | 1,140 | J | 1,070 | J | 907 | J | 1,750 | J | 442 | J | 1,790 | J | 339 | J | 2,310 | J | 783 | |
| Selenium, Total | 180 | 12.3 | U | 10.1 | U | 9.7 | U | 6.8 | U | 4.9 | U | 13.5 | U | 12.0 | U | 6.4 | U | 2.4 | J | 4.2 | U | 4.6 | U | 18.3 | U | 15.9 | U | 3.1 | J | 1.2 | J | 8.8 | U | 3.3 | U | 9.7 | U | 3.7 | |
| Silver, Total | 180 | 6.1 | U | 5.1 | U | 4.8 | U | 3.4 | U | 2.4 | U | 6.7 | U | 6.0 | U | 3.2 | U | 2.4 | U | 2.1 | U | 1.9 | J | 9.2 | U | 7.9 | U | 4.9 | U | 2.2 | U | 4.4 | U | 1.6 | U | 4.9 | U | 1.8 | U |
| Sodium, Total | NS | 2,510 | J | 1,550 | J | 2,310 | J | 413 | J | 533 | J | 2,460 | J | 1,810 | J | 597 | J | 366 | J | 187 | J | 321 | J | 2,940 | J | 2,710 | J | 1,620 | J | 1,080 | U | 1,690 | J | 83.5 | J | 1,220 | J | 75.2 | |
| Thallium, Total | NS | 12.3 | U | 10.1 | U | 9.7 | U | 6.8 | U | 4.9 | U | 13.5 | U | 12.0 | U | 6.4 | U | 4.7 | U | 4.2 | U | 4.6 | U | 18.3 | U | 15.9 | U | 9.9 | U | 4.3 | U | 8.8 | U | 3.3 | U | 9.7 | U | 3.6 | |
| Vanadium, Total | NS | 28.9 | J | 30.0 | 24.3 | 8.4 | J | 34.1 | 20.9 | J | 41.9 | 26.7 | 20.8 | 12.6 | 19.0 | 28.1 | J | 25.0 | J | 43.6 | 10.2 | J | 32.5 | 9.1 | 53.6 | 19.0 | | | | | | | | | | | | | |
| Zinc, Total | 10,000 ^d | 28.1 | 99.1 | 13.1 | J | 10.1 | J | 39.6 | 11.6 | J | 72.7 | 44.6 | 221.0 | 403.0 | 71.0 | 14.0 | J | 13.3 | J | 34.1 | 35.5 | 30.8 | 12.8 | 42.8 | 142 | | | | | | | | | | | | | | |
| Mercury, Total | 0.81 ⁱ | 0.054 | U | 0.13 | 0.033 | J | 0.029 | U | 0.036 | 0.073 | 0.058 | 0.037 | 0.060 | 0.14 | 0.063 | 0.084 | U | 0.076 | U | 0.043 | U | 0.019 | U | 0.042 | U | 0.019 | U | 0.050 | U | 0.019 | U | | | | | | | | |

Table 4
 Soil Sample Analytical Data Summary
 PCBS
 EPA Method 8082

LiTungsten Site

| Client Sample ID: | NYSDEC ⁽¹⁾ Restricted-Residential Use (Below Top 2 Feet) | EP002 460-83733-2 10/1/2014 | EP003 460-83733-3 10/1/2014 | EP004 460-83733-4 10/1/2014 | EP005 460-83733-5 10/1/2014 | EP006 460-83733-6 10/1/2014 | EP007 460-83733-7 10/1/2014 | EP008 460-83733-8 10/1/2014 | EP010 460-84235-2 10/9/2014 |
|--|---|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| Polychlorinated Biphenyls (µg/kg) | | | | | | | | | |
| Aroclor 1016 | 10,000 | 190 U | 180 U | 120 U | 94 U | 240 U | 210 U | 120 U | 78 U |
| Aroclor 1221 | 10,000 | 190 U | 180 U | 120 U | 94 U | 240 U | 210 U | 120 U | 78 U |
| Aroclor 1232 | 10,000 | 190 U | 180 U | 120 U | 94 U | 240 U | 210 U | 120 U | 78 U |
| Aroclor 1242 | 10,000 | 190 U | 180 U | 120 U | 94 U | 240 U | 210 U | 120 U | 78 U |
| Aroclor 1248 | 10,000 | 190 U | 180 U | 120 U | 94 U | 240 U | 210 U | 120 U | 78 U |
| Aroclor 1254 | 10,000 | 190 U | 180 U | 120 U | 94 U | 240 U | 210 U | 120 U | 78 U |
| Aroclor 1260 | 10,000 | 190 U | 180 U | 120 U | 94 U | 240 U | 210 U | 120 U | 78 U |
| Aroclor 1262 | 10,000 | 190 U | 180 U | 120 U | 94 U | 240 U | 210 U | 120 U | 78 U |
| Aroclor 1268 | 10,000 | 190 U | 180 U | 120 U | 94 U | 240 U | 210 U | 120 U | 78 U |

Notes:

(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Use of Soil Cleanup Objective Table 375-6.8b 12/06

a - The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 ppm. See TSD section 9.3.

c - The SCOs for industrial use and protection of groundwater were capped at a maximum value of 1,000 ppm. See TSD section 9.3.

i - This SCO is for the sum of Endosulfan I, endosulfan II, and endosulfan sulfate.

NS - No Standard

B - Compound was found in the blank and sample.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The "J" data may be biased high or low or the direction of the bias may be indeterminable.

JN - The analysis indicated the presence of a compound that has been "tentatively identified" (N) and the associated numerical value represents its approximate (J) concentration.

R - Data rejected ® on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

U - The analyte was analyzed for, but due to blank contamination was flagged as non-detect (U). The result is usable as nondetect.

UU - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UU) when a QC analysis fails outside the primary acceptance limits. The qualified "UU" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The "UU" data may be biased low.

Highlighted text denotes concentrations exceeding NYSDEC Restricted-Residential Use SCO